## **UIL - Computer Science Programming Packet - State 2019**

## 1. Abhi

Program Name: Abhi.java Input File: None

Abhi loves both prime numbers and letters. He wants to know if there are any patterns in the first 200 prime numbers when translating them to letters. To translate a prime number to a letter, he maps 1 to A, 2 to B, and so forth. The pattern then repeats, so 27 to A, 28 to B and so on. He then mapped the first 200 prime numbers to letters. The pattern is below. Your job is to replicate the pattern.

**Input:** There is no input for this problem.

Output: Write a program that displays the first 200 prime numbers translated to letters, with 20 letters in each line.

## **Sample Output:**

BCEGKMQSWCEKOQUAGIOS
UAEKSWYCEIWAGISUAGKQ
WYIKOQCOSUYEGQWCIKQU
WGUYAESYIKOUCIOSYGKS
CEOQWAGOSUYKSWEIOACU
AKQWYEOUACIOSUGQSWCI
KWAGOYGQYEKOWCGOSGQC
EOQUWGUYAESWYCWAISAE
KQEIOUCIUYEGQSYIKUWC
UYAEKQYEKGISAKQWEQUA